

Amendments to the Specification:

Please replace the paragraph on page 5, line 21, to page 6, line 9 with the following amended paragraph:

The user interface 110 in the exemplary computer 100 illustrated in Figures 1-4 includes a keyboard 126, a touch pad 128, a first pair of right/left click buttons 130a/130b and a second pair of right/left click buttons 132a/132b. [Note Figures 1 and 3.] Each of these elements operates in conventional fashion to control the operations of the computer 100 and application programs running thereon. For example, a user can move a pointer (or cursor) on the display 112 by moving a finger or other object along the touch pad 128. Referring more specifically to Figures 3 and 4, the exemplary user interface 110 is also provided with a fingerprint sensor 134. Although not so limited, in the illustrated embodiment, the fingerprint sensor 134 includes a light source 136, a multi-purpose transparent roller 138, a lens 140 and a light sensor 142. The roller 138 extends through an opening 139 in the main housing 102. The computer 100 also includes a rotational motion detection mechanism (discussed below with reference to Figures 5a and 5b) to detect the rotational motion, i.e. speed and direction of the roller 138. In the illustrated embodiment, the rotational motion data may be used in combination with data from the light sensor 142 during a fingerprinting operation. The light source 136 and light sensor 142 are connected to a controller 144. The rotational motion detection mechanism may also be connected to the controller 144, depending on the control configuration employed. During use, light from the source 136 is directed through the transparent roller 138 onto a moving finger that is in contact with the roller and causing it to rotate. Light is reflected by the finger back through the transparent roller 138 to the lens 140, where it is focused onto the light sensor 142 to produce fingerprint image data.